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UNI Schedule of Classes

Summer 1971

UNI Schedule of Classes, Summer 1971

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UNIVERSITY OF NORTHERN IOWA

SCHEDULE OF CLASSES

SUMMER 1971

CLASSES BEGIN TUESDAY, JUNE 15, 1971

SUBJECT AREAS

ALPHABETIC ORDER

12 Accounting
 99 Anthropology
 60 Art
 84 Biology
 17 Business Education
 86 Chemistry
 87 Earth Science
 92 Economics
 24 Educational Media
 20 Educational Psychology
 21 Elementary and Junior High
 62 English
 25 Foundations and Testing
 72 French
 15 General Business
 97 Geography
 74 German
 96 History
 31 Home Economics
 68 Humanities
 33 Industrial Arts and Technology
 66 Journalism
 70 Languages
 76 Latin
 35 Library Science
 13 Marketing
 80 Mathematics
 52 Music
 54 Music, Applied
 59 Music Literature
 57 Music Methods
 58 Music Theory
 65 Philosophy
 37 Physical Education
 38 Physical Education, Men
 39 Physical Education, Women
 88 Physics
 94 Political Science
 40 Psychology
 22 Reading and Special Education
 64 Religion
 77 Russian
 30 Safety Education
 27 School Administration
 82 Science
 14 Secretarial
 90 Social Science
 98 Social Work
 98 Sociology
 78 Spanish
 50 Speech
 51 Speech Pathology
 29 Student Personnel Services
 28 Teaching

CODE NUMBER ORDER

12 Accounting
 13 Marketing
 14 Secretarial
 15 General Business
 17 Business Education
 20 Educational Psychology
 21 Elementary and Junior High
 22 Reading and Special Education
 24 Educational Media
 25 Foundations and Testing
 27 School Administration
 28 Teaching
 29 Student Personnel Services
 30 Safety Education
 31 Home Economics
 33 Industrial Arts and Technology
 35 Library Science
 37 Physical Education
 38 Physical Education, Men
 39 Physical Education, Women
 40 Psychology
 50 Speech
 51 Speech Pathology
 52 Music
 54 Music, Applied
 57 Music Methods
 58 Music Theory
 59 Music Literature
 60 Art
 62 English
 64 Religion
 65 Philosophy
 66 Journalism
 68 Humanities
 70 Languages
 72 French
 74 German
 76 Latin
 77 Russian
 78 Spanish
 80 Mathematics
 82 Science
 84 Biology
 86 Chemistry
 87 Earth Science
 88 Physics
 90 Social Science
 92 Economics
 94 Political Science
 96 History
 97 Geography
 98 Social Work
 98 Sociology
 99 Anthropology

REGISTRATION PROCEDURES

NEW STUDENTS

New students, both graduate and undergraduate, cannot register for classes until all requirements for admission to the University are met.

After admission requirements are met, new graduate students will register in accordance with the procedure set out below for former students.

After admission requirements are met, new undergraduate students will receive their registration materials in connection with the orientation program provided for such students. Further instructions for completing registration will be given during the orientation program.

FORMER STUDENTS

Students registering for student teaching, laboratory practice, or advanced laboratory practice should read that portion of the "ADVANCE REGISTRATION SCHEDULE" pertaining to "STUDENT TEACHING, LABORATORY PRACTICE, AND ADVANCED LABORATORY PRACTICE."

All students who plan to attend the Summer Session must file a notice of intent to register. This notice must be filed at the Registrar's Office before registration materials can be prepared.

Students who intend to register during the advance registration period must file this notice of intent to register no later than March 1, 1971.

Students who plan to register on May 7 and 8 must file the notice of intent to register before April 30, 1971. (May 7 and 8 are reserved for former students not currently enrolled in the Spring Semester, and for graduate students not yet registered.)

For registration June 14, the notice of intent to register must be filed by June 4, 1971. On June 14 students will pick up registration materials in the Administration Building and pull course cards in University Hall, UNI Union.

Students planning to register at times other than those specified above must file the notice of intent to register at least two weeks in advance of the date they intend to register.

Students enrolled for the Spring, 1971, Semester who plan to graduate in June, 1971, and intend to continue as graduate students must file an application for graduate study.

Students who have unpaid accounts or other irregularities will be delayed until these matters are cleared.

Housing arrangements should be made as soon as possible.

At the time of registration, the procedure set out below should be followed:

1. Former students pay the registration deposit of \$15.00 at the Business Office.
2. Present receipt for registration deposit at the Registrar's Office and pick up registration materials.
3. Fill out the registration form, answering all questions. This is a carbon form and must be filled out with care to insure a good carbon copy.
4. See adviser and have the schedule approved. Advisers should be in their offices.
5. Secure course cards in the Scheduling Office, Administration Building, Room 244. This is to be done on or after the date specified on the Permit-to-Register card attached to the registration form. See that the course cards pulled are correct as to course and section numbers and hours of credit. Turn in all materials before leaving. Be sure you receive a validated registration certificate.
6. On June 14 only, course cards will be in University Hall, UNI Union.

ADVANCE REGISTRATION SCHEDULE

STUDENT TEACHING, LABORATORY PRACTICE, AND ADVANCED LABORATORY PRACTICE

Registration for Student Teaching, Laboratory Practice, and Advanced Laboratory Practice will be held on Monday, June 14, 1971, 8:15 a.m. to 11:30 a.m. Students must follow these steps:

1. Secure registration materials from the Office of the Registrar.
2. Pick up approval card from Room 201, Administration Building.
3. Report to University Hall, UNI Union, to pick up course cards.

NO STUDENT TEACHING, LABORATORY PRACTICE, OR ADVANCED LABORATORY PRACTICE COURSE CARDS WILL BE PULLED WITHOUT THE APPROVAL CARD FROM THE OFFICE OF STUDENT FIELD EXPERIENCE.

GRADUATE STUDENTS

Register as opportunity permits on or after March 8, 1971.

(All present graduate students must file a notice of intent to register before March 1. All new graduate students must file application for graduate study.)

Terminal Digits of Student Number	Pay Deposit and pick up registration material	Register in Scheduling Office 9:00 am - 4:00 pm
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SENIORS

Students who expect to have 96 or more hours credit at the end of the Spring Semester will register as Seniors according to the schedule below:

00-49	March 8	March 9
50-99	9	10

JUNIORS

Students who expect to have 64-95 hours credit at the end of the Spring Semester will register as Juniors according to the schedule below:

00-49	March 10	March 11
50-99	11	12

SOPHOMORES

Students who expect to have 32-63 hours credit at the end of the Spring Semester will register as Sophomores according to the schedule below:

50-74	March 12	March 15
25-49	15	16
00-24	16	17
75-99	17	18

FRESHMEN

Students who expect to have less than 32 hours credit at the end of the Spring Semester will register as Freshmen according to the schedule below:

00-99	March 18	March 19
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Clean-up - March 22 to April 2.

For registration on Friday, May 7, the Registrar's Office will be open from 7:50 - 11:50 a.m., and 1:00 - 4:50 p.m.

For registration on Saturday, May 8, the Registrar's Office will be open from 8:00 a.m. to 11:00 a.m.

May 7 and 8 are reserved for former students not currently enrolled for the Spring Semester and for graduate students not yet registered.

OTHER REGISTRATION INFORMATION

LATE REGISTRATION

Registration after June 14, 1971, is considered a late registration. Students who register late must consult with the office of Academic Affairs to learn whether registration will be permitted and under what circumstances. The Registrar's Office will inform you about the procedure to follow in registering. A fee of \$5.00 will be charged for late registration.

CLOSED CLASSES

Permission to enroll in a class which is closed must be secured from the Head of the Department in which the course is offered. In some instances the Department Head may request the student to consult the instructor to see whether there is room in the class, but the final approval must come from the Head of the Department.

CHANGE OF REGISTRATION

If a change of schedule is necessary, the procedure to follow is set forth below:

1. See Adviser and fill out a Change of Registration form.
2. After the Adviser has approved the change, take the form to the Registrar's Office for checking and levying of fee.
3. Take the form to the Cashier and pay any fee levied.
4. Take the form to the Scheduling Office and complete the change there.

THE CHANGE OF REGISTRATION IS NOT EFFECTIVE UNTIL THE FORM IS FILED IN THE SCHEDULING OFFICE, AND THE DATE FILED IN THE SCHEDULING OFFICE IS THE EFFECTIVE DATE OF THE CHANGE.

A fee of \$3.00 is charged for any change of registration not required by the University.

BASIC FEES

	Iowa Residents	Non- Residents
Undergraduates		
Regular 8-week session	\$ 185	\$ 310
Less than 6 hours, per hour	34	56
10-week courses	220	360
Graduates		
Regular 8-week session	195	320
Less than 6 hours, per hour	35	58
10-week courses	230	370
Minimum fee		
Undergraduates	68	112
Graduates	70	116

Workshops and Post Sessions

Workshop and Post Session fees are paid on a credit hour basis, each session counting separately. Post Session fees are in addition to regular 8-week fees.

OTHER FEES

1. Application for Admission to the University	\$ 10	\$ 10
2. Applied Music		
Students enrolled for other work, per credit hour	35	35
Students enrolled for Applied Music only, per credit hour	70	70
3. Change of Registration	3	3
4. Credit by Examination, per credit hour	10	10
5. Late Registration	5	5
6. Transcript of University Record	1	1
7. Visitors - by the week	15	15

Visitors for an entire course (auditors) pay the same fee as regular students enrolled for credit

FEE PAYMENT

Students will be billed by the Business Office about June 21 for the balance of fees due. The fee statement will indicate a payment deadline date which will be about 7-10 days after the date the fee statements have been mailed. A \$5.00 late payment penalty will be assessed if payment of the balance due is not made by the payment deadline date. Any extension of the fee payment deadline date must be approved in advance by the Financial Aids Officer. Students should have completed any necessary financial arrangements before the beginning of the Summer Session. Failure to pay by the due date may result in cancellation of registration.

STUDENT LOAD

Except as noted below, the maximum load for the Summer Session is one credit hour per week of instruction. Thus, students enrolling for 8-week courses only may carry a maximum of 8 semester hours. Students enrolling for 10-week courses may carry a maximum load of 10 semester hours.

Students enrolling for 8-week courses only, who have a cumulative grade point of 2.50 or better, may enroll for a maximum of 9 hours without special approval.

For the 1971 Summer Session a graduate student who has a UNI graduate grade point index of 3.00 or higher may enroll for a maximum of 9 semester hours of course work during the 8-week session without securing special permission.

Requests to take loads in excess of these maximums must be made on a formal Student Request form and must be approved by the director of the Summer Session. Approval will be granted only in exceptional situations.

EXPLANATION OF COURSE NUMBERS

Courses 00-99 are open primarily to Freshmen and Sophomores.

Courses 100-199 are open primarily to Juniors and Seniors and Graduate students.

Courses 200-299 are open primarily to Graduate students. Undergraduates seeking admission to graduate courses must secure the permission of the Head of the Department offering the course.

Courses with "g" after the course number carry graduate credit for graduate students.

Sections numbered in the "50's" are 10-week courses.

PREREQUISITES

An entry in parentheses after a course title indicates a prerequisite to be satisfied before enrolling for the course.

CLASSIFICATION

Freshmen are students with less than 32 semester hours credit.

Sophomores are students with 32-63 semester hours credit.

Juniors are students with 64-95 semester hours credit.

Seniors are students with 96 semester hours credit or more.

SPECIAL SECTIONS

Some course listings and section numbers are followed by a letter or sign. The meaning of these designations is explained below:

A	Reserved for students with high test scores
N	Nurses only
S	Special Sections
y	Lower Elementary
z	Upper Elementary
††	To accompany student teaching
*	See University Catalog

V.A. SPECIFICATIONS

Subsistence	Undergraduate	Graduate
Full allowance	6 hours	5 hours
3/4 allowance	5 hours	4 hours
1/2 allowance	3-4 hours	3 hours
Proration of fees only over period enrolled	1-2 hours	1-2 hours

Veterans enrolling for 10 weeks will have their schedules analyzed on an individual basis.

Graduate students working on theses or extensive research subjects should see the Veterans Clerk in the Registrar's Office for interpretation.

Be sure to answer all questions on registration form relative to status.

All new student veterans must file a certified copy of DD Form 214 with the Veterans Clerk in the Registrar's Office whether attending under veterans' benefits or not if they wish to be released from PE 1 requirements.

At the time course cards are pulled veterans should fill out a card for the assistance of the Veterans Clerk in the Registrar's Office.

SWIMMING - MEN

Men students must complete a course in swimming unless exempted by the Department of Men's Physical Education.

PHYSICAL EDUCATION COURSES

Students are reminded that they should register for only one Physical Education activity course during a semester.

INFORMATION ON WITHDRAWALS

The information set forth below applies to students who withdraw completely from school during a semester. Dropping one or more classes does not constitute a withdrawal unless the student drops all classes for which he or she is registered. If all classes are dropped, this is a withdrawal and the information below applies.

WITHDRAWAL PROCEDURE

A student who has started attending classes who finds it necessary to withdraw from school initiates the withdrawal through the director of the residence hall in which he lives. If he does not live in a residence hall, the student begins the withdrawal in the Office of the Dean of Students.

A student who has enrolled but decides not to come to the University of Northern Iowa should advise the Office of the Dean of Students in writing at as early a date as possible of his desire to cancel his registration, listing the reasons for withdrawing from the University.

WITHDRAWAL REFUNDS

If credit is earned during the period of enrollment, there is no refund of academic fees. For any two- or three-week session there is no refund. Room and board refunds are made according to the agreement set out in the "Contract for Room and Board" signed by the student at the time of enrollment.

Students enrolled for a load requiring payment by the credit hour or for a summer session:

A student who has had his class cards pulled is considered to have enrolled. Thereafter, the first \$15 of his academic fee is considered not refundable unless cancellation or withdrawal of registration is made in writing before May 1, 1971, or is for an extenuating circumstance which must be validated. The remainder of the basic fee is refundable on the percentage schedule given below:

SUMMER SESSION	
Percentage of Remainder Refundable	8 and 10 weeks
100%	1-3 days*
90%	4-5 days
80%	6-7 days
70%	8-9 days
60%	10-11 days
50%	12-13 days
40%	14-15 days
30%	16-17 days
20%	18-19 days
10%**	20-21 days**

*Days are class days.

**Refund applies only if academic fee is paid on the 10-week basis.

June 15, 1971, is the beginning date for all refunds

No refund after the 19th day for the 8-week summer session.

No refund for two- or three-week sessions.

ABBREVIATIONS OF CLASSROOM BUILDING NAMES

Adm	Administration
A&I	Arts and Industries
A 2	Art 2 (Old Physical Plant Building)
Aud	Auditorium
Bak	Baker Hall
CL	Ceramics Laboratory
CUE	Center for Urban Education (CUE is located at 119 Vine Street, Waterloo, Iowa. Students enrolling for classes at CUE must provide their own transportation.)
EG	Erickson Garage
Gil	Gilchrist Hall
HMH	Home Management House
Lib	Library
MGm	Men's Gymnasium
Mus	Music Hall
OA	Old Administration
PE I	Physical Education I. (New Physical Education Building located west of Hudson Road)
Phy	Physics
PLS	Price Laboratory School
Psy I	Psychology I (Old Laundry Building)
Sab	Sabin Hall
Sci	Science
SL	Sculpture Laboratory
Srl	Seerley Hall
SSV	Sunset Village
StW	Stadium West
UNN	UNI Union
USO	Union Site Office Building
WGm	Women's Gymnasium
Wrt	Wright Hall

MISCELLANEOUS INFORMATION

DATES TO OBSERVE

Tuesday, June 15	Classes begin
Wednesday, June 23, 4:30 p.m.	No course may be added for credit after this time by any student, graduate or undergraduate.
Wednesday, June 23, 4:30 p.m.	No report for courses dropped up to 4:30 p.m.
Wednesday, June 23, 4:30 p.m.	Student fees based on load at 4:30 p.m.
Monday, July 5	No classes
Wednesday, July 28, 4:30 p.m.	Last day for all students to drop a course without an "F."
Friday, August 6, 7:30 p.m.	Commencement.

NEW GRADUATE STUDENTS

Tests: Monday, June 14, 1971, 1:00 - 4:30 p.m. Seerley 120.

New graduate students who are required to take the graduate tests should report to Seerley 120 at 1:00 p.m. on Monday, June 14, 1971. Check with your adviser or department head to determine which tests are required of you. Students should provide themselves with two Number 2 lead pencils.

Inquiries concerning the results of these tests should be directed to the Bureau of Research and Examination Services, Room 153, New Administration Building.

Dpt:Cr	Sec	Cr	Time	Days	Instr	Bldg	Rm
12 ACCOUNTING							
12:030	Principles of Accounting I	1 3	8:40	Daily	Halverson	Srl	102
12:131g	Cost Accounting (12:031)	1 3	7:30	Daily	J Blanford	Srl	134
12:132g	Income Tax	1 3	11:00	Daily	Halverson	Srl	102

13 MARKETING

13:142g	Advertising	1 3	9:50	Daily	Denton	Srl	134
13:153g	Sales Management	1 3	1:00	Daily	Denton	Srl	134
13:155g	Industrial Marketing	1 3	7:30	Daily	Keefe	Srl	202

14 SECRETARIAL

14:047	Personal Use Typewriting (No credit on a Business Education major)	1 1	8:40	T	Hansen & Timpany	Srl	306
			+ 2 hrs arr				
14:050	Basic Typewriting (14:047 or 1 semester of high school typing or equivalent)	1 2	8:40	W	Hansen & Timpany	Srl	306
			+ 3 hrs arr				
14:051	Advanced Typewriting (Ability to type 40 net wpm; 14:050 or 1 year high school typing or equivalent)	1 3	8:40	Th	Hansen & Timpany	Srl	326
			+ 4 hrs arr				

15 GENERAL BUSINESS

15:010	Development and Structure of American Industry (Formerly "Introduction to Business")	1 3	9:50	Daily	Lebeda	Srl	202
15:070	Business Statistics	1 3	1:00	Daily	Chiattello	Srl	102
15:117g	Office Management	1 3	1-3:30	TTh	Timpany	Srl	334
15:142g	Problems of Industrial Civilization (Formerly "Business and Society")	1 2	1:00	MTWTh	Lebeda	Srl	202
15:151g	Corporation Finance (12:030 and 12:031) (Formerly "Business Finance")	1 3	8:40	Daily	Howarth	Srl	202
15:160g	Theories of Organization (Formerly "Principles of Management")	1 3	9:50	Daily	Waller	Srl	102
15:167g	Basic Computer Concepts (Formerly "Elements of Data Processing")	1 3	8:40	Daily	J Blanford	Srl	134
15:169g	Business Internship (Open only to qualified majors in Business or Business Education with at least a 2.50 grade index who are recommended by the department)						
	Accounting	1 2	arr arr		Halverson	Srl	24
	Management	2 2	arr arr		Halverson	Srl	24
	Marketing	3 2	arr arr		Halverson	Srl	24

15 GENERAL BUSINESS

15:170g	Problems Collective Bargaining in Public Sector (Primarily for educational and public administrators)	1 2	11:00	MTWTh	Evenson	Srl	234
	Finance (Registration requires approval of Department Head)	2 1-3	arr arr		Howarth	Srl	27
	Marketing (Registration requires approval of Department Head)	3 1-3	arr arr		Keefe	Srl	24
	Management (Registration requires approval of Department Head)	4 1-3	arr arr		Lebeda	Srl	2
15:210	Legal Environment of Business Management	1 3	9:50	Daily	Evenson	Srl	234
15:260	Administrative Theory	1 3	7:30	Daily	Waller	Srl	102
15:282	Seminar in Business (Registration requires approval of Department Head) (May be repeated for a total of 12 hours of credit)	2 3	11:00	Daily	Howarth	Srl	134
15:285	Individual Readings (Registration requires approval of Department Head) (May be repeated for a maximum of 4 hours)	1 1-2	arr arr		Keefe	Srl	25

17 BUSINESS EDUCATION

17:113g	Organization and Administration of Vocational Programs	1 4	7:30	Daily	Reed	Srl	131
			+ 8:40	TTh			
17:114g	Philosophy of Vocational Education	1 2	9:50	MWF	Reed	Srl	131
17:118g	Adult Business Education Programs	1 3	11:00	Daily	Reece	Srl	131
17:119g	Individual Instruction Techniques	1 2	8:40	MWF	Ditzenberger	Srl	131
17:170g	Problems in Business Education (Registration requires approval of Department Head) (May be repeated with concentration in different areas)						
	Accounting	1 1-3	arr arr		Weber	Srl	321
	Basic and Consumer Business	2 1-3	arr arr		Weber	Srl	321
	Distribution	3 1-3	arr arr		Weber	Srl	321
	Business Law	4 1-3	arr arr		Weber	Srl	321
	Typewriting and Office Practice	5 1-3	arr arr		Weber	Srl	321
	Shorthand and Secretarial	6 1-3	arr arr		Weber	Srl	321
17:207	Curriculum Development in Business Education	1 2	9:50-12	TTh	Ditzenberger	Srl	334
17:280	Seminar in Business Education (May be repeated for a maximum of 6 hours)	1 2	1-3:00	M	Weber	Srl	3
			+ 2:10	W		Srl	334
17:285	Individual Readings (Registration requires approval of Department Head) (May be repeated for a maximum of 4 hours credit)	1 1-2	arr arr		Weber	Srl	321

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
17 BUSINESS EDUCATION							
17:290	Improvement of Basic Business Instruction	1 2	7:30	MWF	Timpany	Srl	334
17:293	Improvement of Shorthand Instruction	1 2	11:00	MWF	Hansen	Srl	334
17:297	Practicum (Registration requires approval of Instructor)	1 2	arr arr		Weber	Srl	321
17:299	Research (Registration requires approval of Instructor)	1 1-3	arr arr		Weber	Srl	321

20 EDUCATIONAL PSYCHOLOGY

20:014	The Teacher and The Child (Formerly 21:014) (40:008)	1 5	8:40	Daily	Lattin	Wrt	16
		2	9:50	MWF			
		3	11:00	MWF	Przychodzin	Wrt	17
		3	1:00	Daily	Dreier	Sab	103
			2:10	MWF			
20:016	Psychology of Learning (20:014 or 21:014)	1 5	7:30	TThF	Froyen	Srl	117
		2	8:40	Daily			
		3	9:50	Daily	Melberg	Sab	23
			11:00	MWF			
		3	1:00	Daily	Ball	Sab	201
			2:10	MWF			
20:100g	Child Psychology (40:008 or 20:014 or 21:014 or equivalent)	1 2	1:00	MWF	Lattin	Srl	201
20:116g	Psychology of Adolescence (40:008 or 20:014 or 21:014 or equivalent)	1 2	7:30	MWF	Melberg	Sab	23
20:118g	Mental Hygiene (Formerly 20:112)	1 2	1:00	MWF	Scott	Aud	29
20:142g	Abnormal Psychology, Education (40:008)	1 3	11:00	Daily	Romack	Sab	201
20:187g	Educating Disadvantaged Children and Youth (Formerly 21:157)	1 3	9:50	Daily	Bishop	Sab	107
20:194g	Clinical Experience (Registration requires instructor approval)	1 1-4	arr arr		Scott	Aud	37
20:214	Advanced Educational Psychology	1 2	8:40	MWF	Ball	Sab	311
		2	1:00	MWF	Froyen	Srl	117
20:270	Diagnosis of Learning Problems (20:181 or 25:181)	1 3	9:50	Daily	Strag	Sab	201
20:289	Seminar in Education and Psychology Seminar in School Psychology	1 2	arr arr		Romack	Bak	368
20:290	Practicum in Education and Psychology (May be taken in several different areas but only twice for credit in the same area) Practicum in School Psychology	1 2-4	arr arr		Romack	Bak	368

21 ELEMENTARY AND JUNIOR HIGH

21:044	Children's Literature	1yz 3	11:00	Daily	Hampton	Aud	332
21:101g	Elementary Methods and Materials (21:014 or 20:014, 20:016 and Junior status)	51 10	9:30-12	Daily		Aud	331
			+ 1:3-10	Daily			
			(10 weeks - June 15 - August 20)				
21:143g	Social Studies in the Elementary School	1 2	8:40	TTh	Selwa	Aud	333
			+ 9:50	T			
21:144g	Literature for Elementary Children (21:044 or equivalent)	1 3	8:40	Daily	Hampton	Aud	334
21:152g	Elementary Curriculum (No credit for a student with credit in 21:101)	1 3	1:00	Daily	Heller	Aud	332
21:289	Seminar in Education Seminar in Elementary Curriculum	1 2	11:00	TTh	Selwa	Aud	333
			+ 12:00	Th			

22 READING AND SPECIAL EDUCATION

22:110g	Reading and Language Arts (Formerly 21:146)	1yz 5	7:30	Daily	Euchner	Aud	332
			+ 8:40	MWF			
22:112g	Problems in Elementary Reading (Formerly 21:167) (May be substituted for 21:166 on statement of further work)	1 3	9:50	Daily	Hosier	Aud	339
22:130g	Problems in Reading in Secondary School (Formerly 21:172)	1 3	9:50	Daily	Ratekin	Aud	348
22:132g	Reading in Content Areas (Formerly 21:165)	1 2	8:40	MTWTh	Heller	Aud	339
22:147g	Remedial Reading (Formerly 21:147) (21:146 or 22:110 or methods course in teaching of reading)	1 3	7:30	Daily	Sparrow	Aud	339
			(Must choose lab at 8:40 or 9:50 Daily)				
22:148g	Diagnosis of Reading Problems (Formerly 21:160) (21:147 or 22:147 and one course in teaching of reading)	1 2	2:10	MTWTh	Sparrow	Aud	339
22:150g	The Exceptional Child (Formerly 21:185)	1 2	11:00	MWF	Courtage	Aud	348
22:170g	Emotionally Maladjusted Children and Youth (Formerly 20:158) (21:185 or 22:150)	1 3	9:50	Daily	Brady	Aud	332
22:171g	Teaching Emotionally Maladjusted Children and Youth (Formerly 21:156) (20:158 or 22:170)	1 3	11:00	Daily	Brady	Aud	334
22:174g	Mental Retardation (Formerly 20:186) (21:185 or 22:150)	1 3	9:50	Daily	Courtage	Aud	334
22:180g	Teaching the Retarded in Elementary Schools (Formerly 21:186) (20:186 or 22:174)	1 3	1:00	Daily	Suroski	Aud	348
22:182g	Communication Skills for the Retarded Adolescent (Formerly 21:168) (20:186 or 22:174)	1 3	8:40	Daily	Suroski	Aud	348

Dpt:Crs Sec CrTime Days InstrBldg Rm

22 READING AND SPECIAL EDUCATION

22:192 Experience (May be taken only twice for credit in same area)
Emotionally Maladjusted: (Registration requires approval of instructor)
1 2 arr arr Brady Gil 204
Mental Retardation: (Registration requires approval of instructor)
2 2 arr arr Courtage Gil 101A
Elementary Reading: (Registration requires approval of instructor)
3 2 9:50 MW Euchner Aud 341
(Must hold 8:40, 9:50, or 11:00 for lab)
Secondary Reading: (Registration requires approval of instructor)
4 2 arr arr Ratekin Aud 347

22:210 Recent Research in Reading (Formerly 21:266) (One course in the teaching of reading)
1 3 11:00 Daily Hosier Aud 339

22:212 Psychology of Reading (Formerly 20:261)
1 3 1:00 Daily Ratekin Aud 339

22:289 Seminar in Education
Seminar: Meeting Individual Needs in Reading
1 2 12:00 MWF Hosier Aud 339

22:290 Practicum in Education (May be taken in several areas, only twice for credit in same area)
Practicum in Remedial Reading:
1 2 12:00 TTh Sparrow Aud 341
(Must choose lab at 8:40, 9:50, or 11:00)
Practicum in Secondary Reading
2 2 12:00 TTh Heller Aud 347
(Must choose lab at 8:40, 9:50, or 11:00)

24 EDUCATIONAL MEDIA

24:131g Audio-Visual Education (Formerly 21:131)
1 2 7:30 MWF Kueter Gil 305
2 lab arr
1:00 MWF Kueter Gil 305
lab arr

24:132g Materials of Instruction (Formerly 21:132) (Instructor approval)
1 2-3 arr arr Mork OA 215

24:135g Administration of the Audio-Visual Program (Formerly 21:135) (21:131 or 24:131)
1 2 11:00 MWF Rieck OA 313

24:137g Preparation of Instructional Materials (Formerly 21:137) (21:031 or 24:031, 21:131 or 24:131 or equivalent)
1 2 8:40 TTh Rieck Aud 129
2 9:50 Th

24:159g Fundamentals of Motion Picture Production (24:131g)
1 2 9:50 MWF Hardman OA 313

24:205 Programmed Instruction (Formerly 21:205)
1 3 8:40 Daily Brimm OA 313

24:259 Instructional Development
1 2 11:00 MWF Kueter Aud 333

24:289 Seminar in Educational Media
1 2 9:50 T Kueter OA 313
2 11:00 TTh

Dpt:Crs Sec CrTime Days InstrBldg Rm

25 FOUNDATIONS AND TESTING

25:118 Social Foundations of Education (Formerly 21:118)
(20:014 or 21:014)
1 4 7:30 Daily DeKock Sab 217
2 8:40 TTh
1:00 Daily Bishop Sab 107
2:10 TTh

25:134g History of Education (Formerly 21:134)
1 3 9:50 Daily Rutkowski Sab 217

25:138g Comparative Education (Formerly 21:138)
1 3 11:00 Daily DeKock Sab 217

25:180g Statistical Methods in Education and Psychology (Formerly 21:180)
1 2 8:40 MWF Lee Sab 27
2 lab arr
9:50 MWF Lee Sab 27
lab arr

25:181g Group Evaluation Techniques (Formerly 20:181) (20:016 or 21:180 or 25:180 or equivalent)
1 3 11:00 Daily Erickson Sab 107
2 1:00 Daily Lee Sab 213

25:234 Philosophy of Education (Formerly 21:234)
1 2 8:40 MWF Rutkowski Sab 217
2 1:00 MWF Rutkowski Sab 217

25:280 Theory and Construction of Tests (Formerly 21:280)
(21:180 or 25:180 and 20:181 or 25:181)
1 2 11:00 MWF Bisbey Sab 323

25:285 Individual Intelligence Testing (Formerly 20:285)
(20:181 or 25:181)
1 3 1:00 Daily Strag Sab 327

25:287 Advanced Psychological Testing (Formerly 20:287) (20:181 or 25:181 and 20:285 or 25:285)
1 3 8:40 Daily Romack Sab 201

25:294 Educational Research (Formerly 21:294)
1 3 8:40 Daily Erickson Sab 213
2 9:50 Daily Hastings Sab 13
3 11:00 Daily Hastings Sab 13

27 SCHOOL ADMINISTRATION

27:141g Principles of Supervision (Formerly 21:141) (Teaching experience)
1 2 1:00 MWF Przychodzin Srl 234

27:202 Principles of School Administration (Formerly 21:235) (Should have had teaching experience)
1 3 8:40 Daily Truesdell Aud 336

27:204 School and Community Relations (Formerly 21:231)
1 3 8:40 Daily Hanson OA 317

27:210 School Personnel Administration (Formerly 21:239) (21:235 or 27:202)
1 3 1:00 Daily Albrecht Aud 248

27:212 Supervision of the Elementary School (Formerly 21:241) (21:141 or 27:141)
1 2 9:50 MWF Hult Sab 103

27:220 Curriculum Development in the Elementary School (Formerly 21:243)
1 3 7:30 Daily Hult Sab 103

27:221 Administration of the Elementary School (Formerly 21:245) (21:235 or 27:202; one year teaching experience and approval of Department Head)
1 3 7:30 Daily Martindale Aud 128

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
27 SCHOOL ADMINISTRATION							
27:227	Curriculum Development in the Secondary School (Formerly 21:272)	1	3	7:30	Daily	Brimm	OA 317
27:228	Administration of the Secondary School (Formerly 21:275) (21:235 or 27:202; one year teaching experience and approval of Department Head)	1	3	11:00	Daily	Hanson	OA 317
27:230	School Laws (Formerly 21:207)	1	2	9:50	MWF	McCumsey	OA 324
27:240	School Finance (Formerly 21:237) (21:235 or 27:202)	1	3	1:00	Daily	Truesdell	OA 317
27:241	School Buildings and Sites (Formerly 21:238) (21:235 or 27:202)	1	2	11:00	MWF	McCumsey	OA 324
27:250	Teaching in College (Formerly 21:201)	1	3	9:50	Daily	Monroe	Aud 248
27:252	Current Issues in Higher Education (Formerly 21:203)	1	3	8:40	Daily	Kimball	Aud 345
27:289	Seminar in Education Seminar in Elementary School Administration (21:135 or 27:202)	1	2	1-4:00	T	McCumsey	OA 324
	Seminar Interdisciplinary View of School Administration (Ed.S. students only)	51	2	2:10	TTh	Hanson	OA 319
	(10 weeks - June 15 - August 20)						
	Seminar in Higher Education--Finance	3	2	arr	arr	Monroe	Gil 309
	Seminar in Higher Education--Community College Organization	4	2	arr	arr	Monroe	Gil 309
	Seminar in Higher Education--Curriculum	5	2	arr	arr	Monroe	Gil 309
	Seminar in Higher Education--History and Philosophy	6	2	arr	arr	Monroe	Gil 309
	Seminar in Advanced School Administration (Approval of Instructor)	7	2	10-12:00	W	Truesdell	Aud 336
	+ 2-4:00			W			
27:290	Practicum (May be taken in more than one area; only twice for credit in same area)						
	Practicum in School Administration (Ed. S. students only)	51	2	arr	arr	Hanson	OA 319
	(10 weeks - June 15 - August 20)						
	Practicum Curriculum and Supervision (Ed. S. students only)	52	2	arr	arr	Hanson	OA 319
	(10 weeks - June 15 - August 20)						

28 TEACHING

Not more than 10 semester hours in 28:132-140 may be used to meet requirements for baccalaureate degree. (Student Teaching Approval cards must be secured from Room 201 in the Administration Building before class cards are issued.)

28:132	Early Childhood Teaching (8 hours of psychology and education)	1	5	arr	Daily		
28:134	Lower Elementary Teaching (8 hours of psychology and education)	1	5	arr	Daily		
28:135	Special Education Teaching (8 hours of psychology and education)	1	5	arr	Daily		
28:136	Upper Elementary Teaching (8 hours of psychology and education)	1	5	arr	Daily		

28 TEACHING

28:140	Special Area Teaching (20:016) (Library Science only)	1	5	arr	Daily		
28:150	Laboratory Practice - Elementary (Registration requires approval of Department Head)	1	5	arr	arr		
28:250	Advanced Laboratory Practice (Registration requires approval of Department Head) (May be repeated for a total of 4 hours)	1	2-4	arr	arr		

29 STUDENT PERSONNEL SERVICES

29:102g	Introduction to Guidance and Counseling (Formerly 21:182)	1	3	8:40	Daily	Hash	Aud 236
29:104g	Guidance in the Elementary School (Formerly 21:184)	1	2	8:40	MWF		Aud 247
29:110g	Educational and Occupational Information (Formerly 21:183)	1	2	11:00	MWF	Hash	Aud 236
29:203	Analysis of the Individual (Formerly 20:286) (21:180 or 25:180 and 21:182 or 29:102 or 21:183 or 29:110)	1	3	7:30	Daily	Houg	Aud 247
29:205	Techniques of Counseling (Formerly 21:287) (21:182 or 29:102 or 21:183 or 29:110)	1	3	9:50	Daily	Silvey	Aud 236
29:207	Counseling Techniques With Children (Formerly 21:285) (21:182 or 29:102 or 21:184 or 29:104)	1	3	7:30	Daily	Redalen	Aud 236
29:210	Organization and Administration of the Guidance Program (Formerly 21:288) (One year teaching experience and approval of Department Head)	1	2	1:00	MWF	Silvey	Aud 236
29:220	Group Procedures in Guidance and Counseling (Formerly 21:283) (21:285 or 29:207 or 21:287 or 29:205)	1	3	11:00	Daily	Frank	Aud 247
29:227	Counseling Theory and Methodology (Formerly 21:286) (21:287 or 29:205 or 21:285 or 29:207)	1	3	8:40	Daily	Frank	Aud 248
29:230	Student Personnel Programs in Higher Education (Formerly 21:265)	1	3	1:00	Daily	Kimball	Aud 247
29:235	Supervision of Counseling Services (Formerly 21:284)	1	2	arr	arr	Frank	OA 110A
29:289	Seminar Seminar Growth and Development	1	2	11:00	MWF		Srl 221
29:290	Practicum (May be taken in more than one area; only twice for credit in the same area)						
	Practicum in Elementary Guidance and Counseling	1	2	arr	arr	Frank	OA 110A
	Practicum in Secondary Guidance and Counseling	2	2	arr	arr	Hash Houg Silvey	OA 112
	Practicum Non-School Counseling	3	2	arr	arr	Monroe	Gil 309
	Practicum College Counseling Services	4	2	arr	arr	Kimball	Gil 307
	Practicum College Student Activities	5	2	arr	arr	Kimball	Gil 307
	Practicum College Student Personnel Administration	6	2	arr	arr	Kimball	Gil 307

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm	Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
30 SAFETY EDUCATION								33 INDUSTRIAL ARTS & TECHNOLOGY							
30:030	Principles of Safety Education							33:141g	Machine Tools (33:030 or approval of Department Head)						
51	4		8:40	Daily	Mazula	A&I	138	1	3		1:00	MW	Pershing	A&I	100
		+	9:50	T						+	1-3:10	TThF			
	(10 weeks - June 14 - August 20)							33:143g	Machine Tool Technology I (33:141 or approval of Department Head)						
30:130g	Driver and Traffic Safety I							1	2		2:10	MW	Pershing	A&I	100
51	3		9:50	MWThF	Eland	A&I	138			+	1-3:10	ThF			
	(10 weeks - June 14 - August 20)							33:151g	General Electricity II (Registration requires approval of Department Head)						
30:131g	Driver and Traffic Safety II							1	2		7:30	TTh	Pershing	A&I	108
51	3		11:00	MTWTh	Eland	A&I	138			+	7:30	—			
	(10 weeks - June 14 - August 20)										9:40	WF			
31 HOMEECONOMICS								33:152g	General Electronics I (33:150, 88:056, or approval of Department Head)						
31:111g	Costume Design (31:010 and 31:015)							1	2		8:40	TTh	Pershing	A&I	108
	1	3	7:30							+	7:30	—			
			9:40	MTWTh	Megivern	Wrt	314				9:40	WF			
31:112g	Advanced Clothing (31:010 and 31:015)							33:161g	Power Trains and Suspensions (Registration requires approval of Department Head)						
1	3		9:50-12	MTWTh	Megivern	Wrt	314	1	2		7:30	TTh	Luck	E.G.	
31:118g	Problems (Registration requires approval of Department Head)									+	7:30	—			
	Textiles										9:40	WF			
	1	1-4	arr	arr	Megivern			33:164g	Fuel Injection Systems (33:160 or approval of Department Head)						
	Clothing							1	2		8:40	TTh	Luck	E.G.	
	2	1-4	arr	arr	Megivern					+	7:30	—			
31:152g	Family Relationships (Credit may also be counted as Social Science)										9:40	WF			
1	2		8:40-12	F	Sands	Wrt	212	33:169g	Applied Photography (Registration requires approval of Department Head)						
31:158g	Problems (Registration requires approval of Department Head)							1	3		9:50	MWF	Hansen	A&I	105
	Family									+	9:50-12	TTh			
	1	1-4	arr	arr	Sands			33:226	Foundations of Industrial Education (Registration requires approval of Department Head)						
31:168g	Problems (Registration requires approval of Department head)							1	3		12-2:10	MW	Hansen	Sab	27
	Housing									+	12:00	F			
	1	1-4	arr	arr				33:228	Contemporary Theories						
	Interior Design							1	2		1:00	MTWF	LaRue	Sab	129
	2	1-4	arr	arr				33:270	Projects in Industrial Arts (Registration requires approval of Department Head) (Students may enroll in different activities and earn a total of 6 hours in any one activity.)						
31:182g	Adult Education (31:190 should precede)								Automotive						
1	2		2:10	—				1	3		9:50-12	MWF	LaRue	A&I	110
			4:20	TTh	Shouse	Wrt	212		Drafting						
31:188g	Problems (Registration requires approval of Department Head)							2	3		9:50-12	MWF	LaRue	A&I	110
	Home Economics Education								Electricity						
	1	1-4	arr	arr				3	3		9:50-12	MWF	LaRue	A&I	110
	Curriculum Planning								Industrial Arts Design (Previous credit in 33:270)						
	2	1-4	arr	arr				4	3		9:50-12	MWF	LaRue	A&I	110
31:195	Pre-Professional Experience (31:166)								Machine Shop						
	Housing and Interior Design							5	3		9:50-12	MWF	LaRue	A&I	110
	3	2-8	7:30	—					Metal						
			9:40	F	Shouse	Wrt	307	6	3		9:50-12	MWF	LaRue	A&I	110
	+	hrs	arr						Wood						
31:280	Methods and Curriculum in Home Economics							7	3		9:50-12	MWF	LaRue	A&I	110
1	3		1:00	Daily	Sands	Wrt	212		Plastics						
31:283	Evaluation of Achievement Program							8	3		9:50-12	MWF	LaRue	A&I	110
1	2		2:10	MWF	Sands	Wrt	212		Graphic Arts						
								9	3		9:50-12	MWF	LaRue	A&I	110
31:297	Problems in Home Economics Education (Registration requires approval of Department Head)							33:292	Industrial Arts Research Methods						
	1	1-4	arr	arr	Sands			1	2		9:50-12	TTh	Luck	Mus	126

35 LIBRARY SCIENCE

35 LIBRARY SCIENCE

35:110g	Introduction to Librarianship							1	2		2:10	MWF		Lib	7
35:113g	Media Selection							1	3		9:50	Daily	McGrew	Lib	7

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
35 LIBRARY SCIENCE							
35:115g	Cataloging and Classification	1 3	11:00	Daily	Martin	Lib	19
35:118g	Basic Reference (35:113 or approval of instructor)	1 3	7:30	Daily		Lib	7
35:121g	Introduction to the Instructional Materials Center	1 4 +	1:00 2:10	Daily TTh		Lib	7
35:125g	Administration of the Instructional Materials Center (35:113, 35:121, and at least one other Library Science course)	1 3	9:50	Daily	Adams	Lib	19
35:132g	Library Materials for Children	1 3	8:40	Daily		Lib	7
35:134g	High School Library Materials	1 4 +	1:00 2:10	Daily TTh	Adams	Lib	19
35:190g	Teaching the Use of Libraries (Credit also as a course in education for a student whose major is Library Science)	1 3	11:00	Daily		Lib	7
35:236	History of Children's Literature (35:132 or approval of instructor)	1 3	8:40	Daily	Martin	Lib	19
35:289	Seminar in Librarianship (35:125 or approval of instructor)	1 3	7:30	Daily	Greve	Lib	19
35:290	Practicum in School Librarianship (Registration requires approval of Department Head) (See University Catalog)	1 2-4 arr arr			Greve		
35:299	Research (Registration requires approval of Department Head) (See Page 174 of University Catalog)	1 1-3 arr arr			Greve		

37 PHYSICAL EDUCATION

37:010	First Aid to the Injured	1 2	7:30	MWTh	Jennett	MGm	207
37:013	Physical Education for Elementary Grades (Sophomore standing) (No credit for student with credit in 37:014 or 39:014)	1z 2 2y 3y	8:40 9:50 1:00	Daily	Sevy Ramsay Winsberg	WGm	113
37:015	Personal Health	1 2	9:50	TThF	Sevy	WGm	304
37:113g	Community Health	1 2	11:00	MWTh	Green	MGm	203
37:135	Activities in the Elementary School II (37:013 or 37:014)	1 3	2:10	Daily	Ramsay	WGm	113
37:153g	Physiology of Exercise (37:050, 37:151, or equivalent, and 84:038)	1 2	8:40	MWTh	Jennett	MGm	203
37:155g	Physical Education for the Mentally Retarded	1 2	11:00	MWF	Sevy	WGm	304
37:176	Organization and Administration of Physical Education	1 2	9:50	MWTh	Erusha	MGm	203
37:180g	Physical Education and the Child (20:014 or 21:014 or equivalent)	1 2	8:40	MWF	Bontz	WGm	305

37 PHYSICAL EDUCATION

37:190	Methods and Principles of Physical Education (No credit for student with credit in 39:191 or 37:183) (Credit as a course in education for a student whose major is Physical Education)	1 3	7:30	Daily	Schwarzenbach	MGm	203
37:251	Advanced Kinesiology (37:050 and 37:151 or 38:150)	1 3	7:30	Daily	Winsberg	WGm	305
37:253	Advanced Exercise Physiology (84:038 and 37:153 or equivalents)	1 3	8:40	Daily	Green	MGm	207
37:273	Physical Education in the Public Schools	1 3	11:00	Daily	Bontz	WGm	305
37:274	Measurement and Evaluation in Physical Education (21:180 or 25:180 or 80:172)	1 3	2:10	Daily	Schwarzenbach	WGm	305
37:276	Supervision of Physical Education (21:141 or 27:141)	1 2	7:30	MTTh	Yager	WGm	304
37:280	Physical Education Seminar (May be repeated for maximum of 7 hours credit)						
	Problems of Facilities and Equipment	2 2	11:00	MWTh	Thrall	MGm	207
	Motor Learning	4 3	9:50	Daily	Yager	WGm	305

38 PHYSICAL EDUCATION, MEN

38:001	Beginning Swimming	1 1	9:50	MTWTh	Jennett	MGm	113
38:001	Golf	2 1 3	7:30 11:00	MTWTh MTWTh	Patten Hogeland	MGm MGm	207 207
38:001	Tennis	4 1 5 6	8:40 11:00 1:00	MTWTh MTWTh MTWTh	Anderson Anderson Anderson	PE I PE I PE I	285 285 285
38:004	Minor Team Sports (Majors and Minors required to substitute this course for one 38:001 course)	1 1	9:50	MTWTh	Remmert	PE I	285
38:016	Swimming (Must have passed department swimming test)	1 1	11:00	MTWTh	Jennett	MGm	113
38:101	Football	1 3	8:40	Daily	Remmert	MGm	204
38:102	Basketball	1 3	1:00	Daily	Hogeland	MGm	204
38:103	Baseball	1 2	2:10	MTWTh	Anderson	MGm	204
38:150g	Anatomy and Kinesiology (No credit for students with credit in 37:050 or 37:151)	1 3	11:00	Daily	Patten	MGm	204
38:160g	Advanced Sports Theory (May be repeated for a maximum of 6 hours credit) (Registration requires approval of Department Head for undergraduates)						
	Basketball	2 2	9:50	MWTh	Hogeland	MGm	207
	Football	3 2	7:30	MWTh	Sheriff & Erusha	MGm	204
	Wrestling	7 2	9:50	MWTh	Patten	MGm	204
38:175g	Organization and Administration of Competitive Sports	1 3	1:00	Daily	Erusha	MGm	203

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
39 PHYSICAL EDUCATION, WOMEN							
39:001	Beginning Archery	1 1	11:00	Daily	Mertesdorf	WGm	14
39:001	Beginning Tennis	2 1	7:30	Daily	Mertesdorf	WGm	114
		3 3	9:50	Daily	Mertesdorf	WGm	114
39:003	Beginning Archery (Does not meet 39:001 or 39:002 requirement)	1 1	3:20	MTWTh	Mertesdorf	WGm	14
39:003	Beginning Golf (Does not meet 39:001 or 39:002 requirement)	2 1	8:40	MTWTh	Ramsay	WGm	213
		3 3	9:50	MTWTh	Winsberg	WGm	213
39:003	Beginning Swimming (Non-swimmers only) (Does not meet 39:001 or 39:002 requirement)	4 1	3:20	MTWTh	Yager	WGm	22

40 PSYCHOLOGY

40:008	Introduction to Psychology	1 3	8:40	Daily		Srl	130
40:159g	Language and Thought of the Child (40:008)	1 3	9:50	Daily	Bogartz	Sci	1536
40:161g	Psychology of Personality	1 3	9:50	Daily	LaVaque	Srl	201
40:162g	Social Psychology (40:049 and 40:050 or approval of the instructor)	1 3	11:00	Daily	Jones	Srl	201
40:163g	Developmental Psychology (40:049, 40:050, and 40:151 or approval of the instructor)	1 3	11:00	Daily	G Harrington	Sci	1536

50 SPEECH

50:020	Introduction to Theatre	1 2	9:50	MTWTh	Thorne	Aud	131
50:026	Fundamentals of Speech (50:026 is a prerequisite to all speech courses except 50:020, 50:032, and 50:071)	1 3	8:40	Daily	Jensen	Aud	136
		2 2	9:50	Daily	Nelson	Aud	244
		3 3	11:00	Daily	Thorne	Aud	125
		4 4	1:00	Daily	Smith	Aud	244
		5 5	2:10	Daily	Conklin	Aud	139
50:130g	Creative Dramatics for Children (50:026)	1 3	11:00	Daily	Lawton	Gil	305
50:141g	History of Theatre I (50:026)	1 3	1:00	Daily	Williams	Aud	32
50:153g	Acting - Prose Theatre (50:031)	1 3	11:00	Daily	Williams	Sab	2
50:225	Bibliography and Methods of Research (50:026)	1 3	3:20	Daily	Conklin	Aud	139
50:230	Psychology of Speech (50:026)	1 3	8:40	Daily	Smith	Aud	244
50:282	Seminar in Theatre (50:026) (May be repeated for a maximum of 6 hours)	1 3	2:10	Daily	S Wood	Aud	244
50:287	Seminar in Interpretation Study of Reader's Theatre and Chamber Theatre	1 3	9:50	Daily	McDavitt	Aud	32

51 SPEECH PATHOLOGY

51:101g	Speech Correction for the Classroom Teacher (Not to be taken by students majoring in Speech Pathology)	1 3	12:00	Daily	Boots	Aud	44
51:106g	Language Acquisition in Children	1 3	7:30	Daily	Boots	Aud	44
			+	arr			
51:155g	Clinical Practice (51:125 or approval of instructor)	1 1-2	2:10	W	J Harrington	Aud	44
			+	arr			
51:201	Bibliography and Methods of Research	1 3	8:40	Daily	R Eblen	Aud	44
51:255	Advanced Clinical Practice (51:155) (May be repeated for a total of 4 hours credit)	1 1-4	1:00	M	R Eblen	Aud	44
			+	arr			
51:256	Clinical Practice in a Medical Setting (51:280 and approval of instructor)	1 1	9:50-12	T	R Eblen	Aud	44
51:275	Communication Problems of the Hard of Hearing	1 4	2:10	Daily	Robinson	Aud	32
			+	3:20	TTh		

52 MUSIC

52:020	Exploring Music	1 2	8:40	MTWTh		Mus	103
		2	11:00	MTWTh		Mus	103
52:102g	Foundations of Music (52:020)	1 3	7:30	Daily		Mus	120
		2	9:50	Daily		Mus	120
52:221	Music Research and Bibliography	1 2	11:00	MWF		Mus	108

54 MUSIC, APPLIED**NOTE:**

On your registration sheet insert the following information only: Under Dept. No. write 54; under Course No. write the appropriate number (e.g. for Flute the number would be 030); under Hours Credit, write 1 meaning 2 lessons per week for 1 hour of credit. This is the maximum amount a student can take in any given area. Under Course Title write the area of applied study (e.g., flute, piano, voice, etc.). Leave all other spaces blank.

Go to the registration area where class cards are pulled. FILL OUT THE APPLIED MUSIC REQUEST FORM. This MUST be done before you can have your Applied Music cards pulled. THE LIST OF INSTRUCTOR ASSIGNMENTS WILL BE POSTED IN THE MUSIC HALL ON THE NORTH INNER BULLETIN BOARD BY THE SECOND DAY OF CLASSES.

IMPORTANT: THOSE ON THE BACHELOR OF MUSIC DEGREE PROGRAM MUST secure a special fee card from the Department of Music Office prior to registering for their applied music.

Applied Students: It is YOUR responsibility to see your assigned instructor and arrange for your lesson times.

AREA

54:030	Flute	54:040	Percussion
54:031	Oboe	54:041	Violin
54:032	Clarinet	54:043	Cello
54:033	Bassoon	54:044	String Bass
54:034	Saxophone	54:046	Piano
54:035	French Horn	54:048	Organ
54:036	Cornet-Trumpet	54:049	Voice
54:037	Trombone	54:154g	Applied Adv. Comp.
54:039	Tuba		(See University Catalog)

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
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57 MUSIC METHODS

57:090	Instrumental Techniques (May be taken 3 times for credit)	1	2	9:50	MTWTh	Mus	60
57:159g	Vocal Pedagogy	1	2	1:00	MTWTh	Mus	246
57:181g	Vocal Ensemble Materials	1	2	9:50	MWF	Mus	142
57:197g	Instrumental Upkeep and Repair	1	2	11:00	MTWTh	Mus	58
57:281	Seminar in Chorus	1	2	2:10	MWF	Mus	111
57:283	Seminar in General Music	1	2	11:00	MWF	Mus	120
57:292	Psychology of Music (May be used to satisfy the special methods elective in the professional core for the master's degree)	1	2	8:40	MWF	Mus	118

58 MUSIC THEORY

58:050	Harmony I (Also must register for 58:055)	1	3	7:30	Daily	Mus	124
58:055	Ear Training and Sight Singing I (Also must register for 58:050)	1	1	1:00	MWF	Mus	124
58:151g	Sixteenth Century Counterpoint (58:052)	1	3	1:00	Daily	Mus	126
58:152g	Composition (58:052)	1	3	2:10	Daily	Mus	124
58:153g	Instrumentation and Arranging (58:052)	1	2	8:40	MWF	Mus	124
58:155g	Form and Analysis	1	2	7:30	MWF	Mus	126
58:159g	20th Century Non-tonal Music	1	2	1:00	MWF	Michaelides	Mus 122
58:252	Advanced Composition (58:152)	1	3	2:10	Daily	Mus	124
58:253	Advanced Arranging (58:153)	1	2	8:40	MWF	Mus	124

59 MUSIC LITERATURE

59:175g	Music History - Baroque (59:171)	1	2	7:30	MWF	Mus	118
59:270	Music History - Renaissance (59:171)	1	2	9:50	MWF	Mus	118

ACTIVITIES

Band		3:20	M			Mus	60
	+	4:30	W				
Orchestra		4:30	M			Mus	60
	+	3:20	W				
Chorus		3:20	TTh			Mus	111
Recital		arr	arr			Mus	103

60 ART

60:010	Art Fundamentals - Drawing	1	3	7:30 - 9:40	Daily	Harsh	A 2	109
60:015	Art Fundamentals - Design	1	3	9:50-12	Daily	Echeverria	A&I	217
60:020	The Visual World (Formerly Man and Materials)	1	3	7:30 - 9:40	MWF	Gogel	A&I	205
		2		9:50-12	MWF	Harris	A&I	230
		3		1-3:10	MWF	Jennings	A&I	230
60:021	Exploring Art (60:020)	1	3	9:50-12	Daily	Campbell	A&I	228
60:034	Printmaking	1	3	9:50-12	Daily	Siddens	A&I	202
60:050	Ceramics	1	3	7:30 - 9:40	Daily	Harris	CL	
60:080	Painting - Oil	1	3	7:30 - 9:40	Daily	Echeverria	A&I	225
		2		9:50-12	Daily	Delafield	A&I	225
60:095	Philosophy and Materials of Art Education (3 hours will count as education)	1	4	9:50-12	Daily	Gogel	A&I	205
60:118g	Advanced Drawing (Registration requires approval of Department Head) (May be repeated for credit)	1	1-8	7:30 - 9:40	Daily	Delafield	A&I	201
60:134g	Advanced Printmaking (Registration requires approval of Department Head) (May be repeated for credit)	1	1-8	9:50-12	Daily	Siddens	A&I	202
60:142g	Italian Renaissance Art	1	3	9:50-12	TWTh		A&I	210
60:148g	Contemporary Art	1	3	8:40	Daily		A&I	210
60:150g	Advanced Ceramics (Registration requires approval of Department Head) (May be repeated for credit)	1	1-8	3:20 - 5:30	Daily	Jennings	CL	
60:180g	Advanced Painting (Registration requires approval of Department Head) (May be repeated for credit)	1	1-8	1-3:10	Daily		A&I	225
60:275	Art Projects (Registration requires approval of Department Head) (May be repeated for credit)							
	Drawing	1	2-8	7:30 - 9:40	Daily	Delafield	A&I	201
	Ceramics	2	2-8	3:20 - 5:30	Daily	Jennings	CL	
	Painting	3	2-8	1-3:10	Daily		A&I	225
	Printmaking	4	2-8	9:50-12	Daily	Siddens	A&I	202

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
62 ENGLISH							
62:021	Composition I						
	1	3	7:30	Daily	Monson	Adm	108
	2	(For Colombian students only)					
			8:40	Daily	Jewell	Adm	108
	3S		11:00	Daily	Jewell	Wrt	16
	4		11:00	Daily	Wheeler	Adm	108
	5		1:00	Daily	Monson	Adm	108
	6S		2:10	Daily	L Rackstraw	Sab	213
62:022	Composition II						
	1	3	2:10	Daily	Hiduke	Adm	108
62:031	Introduction to Literature						
	1	3	9:50	Daily	Hiduke	Aud	125
62:032	British and American Short Story						
	1	3	8:40	Daily	McKean	Sab	107
62:051	American Novel Through James						
	1	3	11:00	Daily	Day	Sab	7
62:103g	Advanced Composition						
	1	3	2:10	Daily	Crisp	Sab	317
62:105g	English Language for Foreign Students (For Colombian students only)						
	1	3	9:50	Daily	Hieke	Adm	108
62:110g	British Poetry to 1750						
	1	3	3:20	Daily	Meade	Adm	108
62:113g	British Drama to 1642						
	1	3	7:30	Daily	Eriksen	Aud	125
62:115g	Modern Drama: American and British						
	1	3	8:40	Daily	Eriksen	Aud	125
62:135g	Continental Short Story						
	1	3	8:40	Daily	Taylor	Aud	127
62:148g	Shakespeare						
	1	3	9:50	Daily	Remington	Aud	126
62:153g	American Poetry to WW I						
	1	3	11:00	Daily	Ward	Aud	126
62:154g	Afro-American Literature (Registration requires approval of Department Head or instructor)						
	1	3	9:50	Daily	T Hovet	Aud	127
62:162g	The Structure of English						
	1	3	3:20	Daily	Hieke	Srl	130
62:165g	Literature for Adolescents						
	1	2	11:00	MWF	Hanson	Sab	317
62:166g	History of the English Language (62:162)						
	1	3	9:50	Daily	Dalziel	Aud	143
62:170g	Creative Writing (May be repeated for credit under special circumstances)						
	1	3	7-9:50	Th eve	R Rackstraw	Sab	13
62:185g	Introduction to Descriptive Linguistics						
	1	3	11:00	Daily		Aud	127
62:186g	Introduction to Phonology (62:162)						
	1	3	1:00	Daily		Aud	127
62:187g	Transformational Grammar (62:162)						
	1	3	2:10	Daily	Goodman	Sab	129
62:190g	The Teaching of English (Credit also as a course in education for a student whose major is English)						
	1	3	2:10	Daily	Dalziel	Sab	121

62 ENGLISH

62:193g	The Teaching of Writing						
	1	3	1:00	Daily	Wheeler	Sab	323
62:201	Bibliography and Methods of Research						
	1	3	8:40	Daily	Cowley	Aud	128
62:246	Johnson and Donne						
	1	3	1:00	Daily	Remington	Srl	221
62:247	Byron, Shelley, and Keats						
	1	3	11:00	Daily	Cowley	Aud	128
62:251	Hawthorne and Melville						
	1	3	2:10	Daily	Ward	Sab	207
62:255	Twain, Howells, and James						
	1	3	7:30	Daily	Day	Sab	207
62:275	Contrastive Analysis (62:162)						
	1	3	8:40	Daily	Goodman	Aud	126

64 RELIGION

64:020	The Heritage of the Bible (68:021)						
	1	3	11:00	Daily	Bluhm	Srl	202
64:024	Religions of the World (68:021)						
	1	3	11:00	Daily	Bernhard	Srl	235
64:189g	Individual Readings in Religion (May be repeated for a maximum of 6 hours) (Registration requires approval of Department head)						
	1	1-3	arr	arr			

65 PHILOSOPHY

65:021	Introduction to Philosophy (68:021)						
	1	3	7:30	Daily	Morgan	Srl	235
65:113g	Philosophy of Religion						
	1	3	1:00	Daily	Hallberg	Sab	121
65:143g	Aesthetics (Philosophy of Art)						
	1	2	1:00	MWF	Amend	Sab	23
65:146g	History of Philosophy: Renaissance Through Enlightenment (65:021 recommended to precede)						
	1	3	9:50	Daily	Morgan	Srl	235
65:160g	John Dewey						
	1	3	7:30	Daily	Bluhm	Sab	129
65:189g	Individual Readings in Philosophy (Registration requires approval of Department Head) (May be repeated for a maximum of 6 hours)						
	1	1-3	arr	arr			

66 JOURNALISM

66:032	Introduction to Journalism						
	1	3	9:50	Daily	De Hoff	Wrt	7

68 HUMANITIES

68:021	Ancient Times Through the Reformation						
	1	4	7:30	Daily	Sandstrom	Sab	311
			8:40	TTh			
	2		9:50	Daily	Hallberg	Srl	130
			2:10	TTh			
	3		1:00	Daily	Jones	Sab	307
			2:10	TTh			
68:022	From the Seventeenth Century to the Present (68:021)						
	1	4	8:40	Daily	Amend	Sab	23
			2:10	TTh			
	2		2:10	Daily	Eiklor	Sab	323
			3:20	TTh			

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm	Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
68 HUMANITIES								78 SPANISH							
68:124g	Foreign Area Studies - China							78:297	Practicum (Registration requires approval of Department Head)						
	1	3	8:40	Daily	Cheng	Sab	317		1	2	9:50	Daily	Nodarse	Aud	232
	2		9:50	Daily	Cheng	Sab	317				+ 1 hr arr				
68:125g	Foreign Area Studies - India							80 MATHEMATICS							
	1	3	11:00	Daily	Newell	Srl	130	80:020	Mathematics for General Education						
	2		1:00	Daily	Newell	Srl	130		1	3	7:30	Daily		Wrt	113
									2		11:00	Daily		Wrt	113
									3		1:00	Daily		Wrt	113
72 FRENCH								80:107	Mathematics of Finance (80:045 or 1 year High School Algebra)						
72:001	Elementary French I (June 15 to July 9)								1	2	1:00	MTWTh		Wrt	315
	1	4	8:40-12	Daily	Oates	Aud	234								
72:002	Elementary French II (July 12 to August 6)							80:111g	Introduction to Analysis (80:130) (See University Catalog)						
	1	4	8:40-12	Daily	Oates	Aud	234		1	4	8:40	Daily		Wrt	109
											+ 9:50 MW				
72:114g	Short Stories (72:101 or equivalent)							80:130g	Foundations of Arithmetic (80:020) (See University Catalog)						
	1	3	11:00	Daily	Chabert	Aud	233		1	3	11:00	Daily		Wrt	315
72:203	Structure of French								2		1:00	Daily		Wrt	17
	1	3	1:00	Daily	Oates	Aud	233								
72:281	Seminar: Contrastive Civilization France - U.S.A. (May be repeated except when topic is identical)							80:134g	Teaching of Mathematics in the Elementary School (80:020 and 80:130)						
	1	2	8:40	MWF	Chabert	Aud	233		1	2	11:00	MTWTh		Wrt	116
72:297	Practicum (Registration requires approval of Department Head)							80:148g	Advanced Calculus II (80:147)						
	1	2	9:50	Daily	Oates	Aud	234		1	3	9:50	Daily		Wrt	318
			+ 1 hr arr												
74 GERMAN								80:153	Probability Theory (80:046)						
74:001	Elementary German I (June 15 to July 9)								1	3	8:40	Daily		Wrt	315
	1	4	8:40-12	Daily	Konig	Aud	242								
74:002	Elementary German II (July 12 to August 6)							80:160g	Modern Algebra I (80:060)						
	1	4	8:40-12	Daily	Konig	Aud	242		1	4	1:00	Daily		Wrt	318
											+ 2:00 MW				
74:103g	Conversation III							80:172g	Fundamentals of Statistical Methods						
	1	4	11:00	Daily	Konig	Aud	241		1	3	11:00	Daily		Wrt	108
			+ hrs arr					80:175g	Mathematical Statistics II (80:174)						
									1	3	8:40	Daily		Wrt	108
74:280	Seminar: Literature of the Third Reich (May be repeated except when topic is identical)							80:185g	Mathematics for the Exceptional Child (80:134)						
	1	2	1:00	MWF	Konig	Aud	242		1	3	9:50	Daily		Wrt	108
78 SPANISH								80:202	Mathematical Analysis II (80:201)						
78:001	Elementary Spanish I (June 15 to July 9)								1	3	9:50	Daily		Wrt	116
	1	4	8:40-12	Daily	Nodarse	Aud	232	80:210	Theory of Numbers						
78:002	Elementary Spanish II (July 12 to August 6)								1	3	1:00	Daily		Wrt	116
	1	4	8:40-12	Daily	Nodarse	Aud	232	80:235	Problems in Teaching Arithmetic (Registration requires approval of Department Head)						
78:103g	Conversation III								1	2	1:00	MTWTh		Wrt	109
	1	2-4	9:50	Daily	Hawley	Aud	233	80:267	Topics in Topology (80:167)						
			+ hrs arr						1	3	7:30	Daily		Wrt	109
78:117g	Contemporary Spanish Poetry (78:101 or equivalent)							80:269	Mathematical Logic II (80:169)						
	1	2	8:10	—					1	3	11:00	Daily		Wrt	109
			9:40	TTh	Hawley	Aud	241	80:290	Problems in Teaching Junior High School Mathematics (Registration requires approval of Department Head)						
78:201	Hispanic Literature: A Stylistic Review								1	2	8:40	MTWTh		Wrt	116
	1	3	1:00	Daily	Zucker	Aud	232								
78:259	Oral Translation														
	1	3	11:00	Daily	Hawley	Bak	244								
78:282	Seminar: Generative Grammar (May be repeated except when topic is identical)														
	1	2	8:40	MWF	Nodarse	Bak	244								
	Seminar: Culteranismo y Conceptismo														
	2	2	12:00	MWF	Zucker	Aud	232								

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
82 SCIENCE							
82:020	The Physical Sciences I (Prospective majors in Science may substitute a year of either Chemistry or Physics. Non-science majors who have credit in two semesters of high school chemistry and two semesters of high school physics are required to substitute one of the following courses: 87:031 or 87:010. Prospective majors in Vocational Home Economics may substitute 86:061 and 86:063)						
1	3	8:40	—				
		10:50	MTh			Sci	2430
	+	8:40	—				
		10:50	T			Phy	10
2		8:40	—				
		10:50	MTh			Sci	2430
	+	8:40	—				
		10:50	W			Phy	10
82:022	The Biological Sciences I (82:020 recommended)						
1	4	9:50-12	MWF		McCalley	Sci	2532
	+	7:30	—				
		9:40	MW		D Johnson	Sci	2245
2		9:50-12	MWF		McCalley	Sci	2532
	+	7:30	—				
		9:40	TTh		D Johnson	Sci	2245
3		9:50-12	MWF		McCalley	Sci	2532
	+	9:50-12	TTh		D Johnson	Sci	2245
4		9:50-12	MWF		McCalley	Sci	2532
	+	7:30	—				
		9:40	MW		McCalley	Sci	2249
5		9:50-12	MWF		McCalley	Sci	2532
	+	7:30	—				
		9:40	TTh		McCalley	Sci	2249
82:120g	Physical Sciences II (82:020 or equivalent) (See University Catalog)						
1	3	1-3:10	MTWTh			Phy	10
82:122g	The Biological Sciences II (82:022) (Not to be taken by Science majors or minors)						
1	3	7:30	—				
		9:40	MTWTh		Smith	Sci	2450
82:200	History and Philosophy of Science (No credit for a student with credit in 82:175)						
1	2	7:30	TWThF		McCollum	Sci	1536
82:280	Seminar in Science Teaching (For participants in the Cooperative Project for Two-Year Colleges only)						
1	1	3:20	MTTh		Richter	Sci	3542
	+	1 hr arr					
		(June 14 - July 9)					
2		3:20	MTTh		Richter	Sci	3542
	+	1 hr arr					
		(July 12 - August 6)					
84 BIOLOGY							
84:034	General Zoology						
1	4	1-3:10	MWF		Allegre	Sci	1536
	+	1-3:10	TTh			Sci	1450
84:036	General Botany						
1	4	7:30	—				
		9:40	Daily		Picklum	Sci	2246
84:038	Human Physiology						
1	3	9:50-12	MW		Riggs	Sci	2229
	+	7:30	—				
		9:40	TTh		Riggs	Sci	2455
2		9:50-12	MW		Riggs	Sci	2229
	+	9:50-12	TTh		Riggs	Sci	2455
84:114g	Animal Physiology (84:034)						
1	4	1-3:10	MWF		Simpson	Sci	2437
	+	1-4:20	TTh		Simpson	Sci	2437

84 BIOLOGY

84:128g	Cell Biology (86:126)						
	1	4	7:30	—			
			9:40	MWF	Orr	Sci	1745
		+	7:30	—			
			10:50	TTh		Sci	1745
84:140g	Genetics						
	1	4	1-3:10	MWF	Winier	Sci	1532
		+	lab arr			Sci	2433
84:151g	General Microbiology (86:046 or 86:048) (No credit for a student with credit in 84:033)						
	1	4	8:40	—			
			10:50	MWF	Goss	Sci	1532
		+	8:40-12	TTh		Sci	1263
84:225	Aquatic Biology						
	1	4	1-3:10	WF	Dowell	Sci	1440
		+	1-4:20	MTTh		Sci	1440
84:292	Research Methods in Biology						
	1	3	7-10:00	TTh eve	Goss	Sci	1532
86 CHEMISTRY							
86:044	General Chemistry I (See University Catalog)						
	1	4	7:30	—			
			9:40	MW	Lyon	Sci	3755
		+	7:30	—			
			9:40	TThF		Sci	3444
86:048	General Chemistry IIA (86:044) (No credit for a student with credit in 86:046)						
	1	4	9:50-12	TTh	Woo	Sci	3436
		+	9:50-12	MWF		Sci	3245
86:124g	Organic Chemistry I (86:046 or 86:048)						
	1	4	1-3:10	TTh	Lyon	Sci	3755
		+	1-3:10	MWF		Sci	3445
86:134g	Instrumental Analysis I (86:132)						
	1	4	7:30	—			
			9:40	MW	L Wilson	Sci	3252
		+	7:30	—			
			9:40	TThF		Sci	3234
86:142g	Principles of Physical Chemistry (Registration requires approval of Department Head)						
	1	3	9:50	Daily	Rider	Sci	3252
86:150g	Biochemistry I (Registration requires approval of Department Head)						
	1	4	9:50-12	MW	Richter	Sci	3755
		+	9:50-12	TThF		Sci	3258
86:240	Special Problems in Chemistry (For participants in Cooperative Project for Two-Year Colleges only) (Registration requires approval of Department Head)						
	Topics in Physical Chemistry						
	Thermodynamics: June 14-25						
	1	1	1-3:10	Daily	Rider	Sci	3252
	Molecular Orbital Theory: June 28-July 9						
	2	1	1-3:10	Daily	Rider	Sci	3252
	Instrumentation: July 12-23						
	3	1	1-3:10	Daily	L Wilson	Sci	3252
	Interpretation of Spectra: July 26-August 6						
	4	1	1-3:10	Daily	Chang	Sci	3252
86:260	Radiochemistry (Registration requires approval of Department Head)						
	1	3	7:30	—			
			9:40	MW	Woo	Sci	3436
		+	7:30	—			
			9:40	TTh		Sci	3264

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
87 EARTH SCIENCE							
87:010	Astronomy I (Formerly 87:108)	1 3	7:30	Daily	Hoff	Sci	1532
87:031	Physical Geology	1 3	1:00	MWF	Smith	Sci	2229
		+	1-3:10	TTh	Smith	Phy	300
87:128g	Fundamentals of Geology (Registration requires approval of Department Head)	1 4	7:30	—			
			9:40	MW	Smith	Sci	2532
		+	7:30	F			
		+	7:30	—			
			9:40	TTh	Smith	Phy	300
87:134g	Field Instruments (Replaces Field Geology) (87:031, 87:035, working knowledge of trigonometry, and permission of instructor)	1 2	1-3:10	MWF	Grant	Phy	301
87:141g	Geomorphology (87:031; 87:035 recommended)	1 3	1-3:10	T	Grant	Phy	309
		+	1-4:20	Th	Grant		
87:180g	Meteorology (88:054)	1 3	11:00	Daily	Hoff	Sci	3252
88 PHYSICS							
88:054	General Physics I. Mechanics and Heat (Knowledge of Algebra and Trigonometry)	1 4	7:30	—			
			9:40	MTTh	Hsue	Phy	201
		+	7:30	—			
			9:40	WF	Vilmain	Phy	101
88:056	General Physics II. Sound, Light, Electricity, and Magnetism (88:054)	1 4	7:30	—			
			9:40	MWF		Phy	210
		+	7:30	—			
			9:40	TTh		Phy	101
88:135g	Analytical Mechanics (88:130)	1 3	1:00	Daily	Hsu	Sci	3436
88:152g	Measurements in Electricity (88:056)	1 3	11:00	MWF	Vilmain	Phy	210
		+	9:50-12	TTh		Phy	108
88:163g	Electric and Magnetic Fields II (88:162)	1 3	11:00	Daily	Hsue	Sci	1532
88:165g	Introductory Quantum Mechanics (88:169)	1 3	8:40	Daily	Engardt	Srl	221
88:169g	Modern Physics (88:056 and 80:060)	1 5	8:40	Daily	Hanson	Sci	1536
		+	2:10	TTh			
		+	2:10	—			
			4:20	MW	Hsu	Phy	105
88:250	Special Problems in Physics (Registration requires approval of Department Head)	1-6	arr	arr			
88:299	Research (Registration requires approval of Department Head)	1-3	arr	arr			

90 SOCIAL SCIENCE

90:024	Man in Society II						
	1	4	8:40	Daily		Sab	103
		+	9:50	TTh			
90:025	World Geography (Formerly World Resources)						
	1	3	7:30	Daily		Sab	7
			1:00	Daily	Asadi	Sab	13

92 ECONOMICS

92:053	Principles of Macro-Economics					
	1	3	7:30	Daily	Sab	121
	2		9:50	Daily	Sab	121
92:054	Principles of Micro-Economics (92:053)					
	1	3	8:40	Daily	Sab	121
92:113g	Money and Banking (92:053 and 92:054)					
	1	3	11:00	Daily	Sab	103
92:116g	Industrial Relations (92:053 and 92:054)					
	1	3	8:40	Daily	Sab	129
92:117g	Public Finance (92:053 and 92:054)					
	1	3	11:00	Daily	Sab	129
92:139g	Price and Distribution Theory (92:053 and 92:054)					
	1	3	9:50	Daily	Sab	129

94 POLITICAL SCIENCE

94:014	Introduction to American Government (Sophomore standing recommended)						
	1	3	9:50	Daily	Alberts	Sab	207
94:111g	Introduction to Political Science						
	1	3	11:00	Daily	Vajpeyi	Sab	213
94:135g	Modern European Governments						
	1	3	7:30	Daily	Krogmann	Sab	213
94:144g	International Organizations						
	1	3	9:50	Daily	Krogmann	Sab	213
94:148g	Public Administration						
	1	3	11-1:00	MW	Ross	Sab	207
			+11-12:00	F			
94:154g	Legislative Process						
	1	3	8:40	Daily	Alberts	Sab	207
94:189g	Readings in Political Science (Registration requires approval of Department Head and 12 hours of Political Science)						
	1	1-3	arr	arr		Sab	205
94:275	Political Science Methodology						
	1	3	arr	arr	Vajpeyi	Sab	212
94:285	Individual Readings (Registration requires approval of Department Head)						
	1	1-3	arr	arr		Sab	205
94:292	Research and Bibliography						
	1	3	arr	arr	Ross	Sab	206
94:299	Research (Registration requires approval of Department Head)						
	1	1-3	arr	arr		Sab	205

SUMMER 1971

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
96 HISTORY							
96:014	American History to 1877 (See University Catalog)	1 4	7:30 TTh	R Talbott	Sab	323	
		+ 8:40 Daily					
96:015	American History Since 1877 (See University Catalog)	1 4	9:50 Daily	Ryan	Sab	323	
		+ 11:00 TTh					
96:101g	History of Ancient Greece	1 3	9:50 Daily	Jones	Sab	301	
96:116g	Recent American History	1 3	1:00 Daily	Ryan	Sab	301	
96:134g	American Economic History	1 3	2:10 Daily	Winters	Sab	301	
96:136g	American Colonial History	1 3	11:00 Daily	Wohl	Sab	301	
96:138g	American Foreign Relations (3 hours in American History should precede)	1 3	7:30 Daily	Whitnah	Sab	317	
96:140g	History of the West (3 hours in American History should precede)	1 3	8:40 Daily	Pendergraft	Sab	301	
96:152g	Medieval Civilization	1 3	8:40 Daily	Poage	Sab	307	
96:155	Modern Europe Since 1815	1 4	9:50 Daily	Sunseri	Sab	307	
		+ 11:00 TTh					
96:160g	Twentieth Century Europe	1 3	2:10 Daily	Sunseri	Sab	327	
96:170g	History of Soviet Russia	1 3	1:00 Daily	Poage	Sab	311	
96:180g	Latin American History	1 3	11:00 Daily	R Talbott	Sab	311	
96:182g	Modern South Asia	1 3	8:40 Daily	Brown	Sab	327	
96:280	Seminar in History: American The U.S. 1900-1929	1 3	arr arr	Winters			
	Seminar in History: European Select Problems in 19th Century	2 3	arr arr	German History Eiklor			
96:285	Individual Readings (Registration requires approval of Department head)	1-3	arr arr				
96:292	Historical Analysis	1 3	1:00 arr	Wohl	Sab	317	

97 GEOGRAPHY

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
97:101	Maps & Map Interpretation (90:025 or consent of instructor)	1 3	9:50-12	MWF		Sab	17
97:109g	Quantitative Methods in Geography	1 3	8:40 Daily	Chung	Sab	13	
97:110	Climatology	1 3	1:00 Daily	Miller	Sab	7	
97:112g	Landform Analysis	1 3	3:20 Daily	Miller	Sab	7	
97:130g	Cultural Geography	1 3	2:10 Daily	Clark	Sab	7	
97:143g	Geography of Anglo America	1 3	3:20 Daily	Clark	Sab	13	
97:163g	Geography of the Middle East	1 3	9:50 Daily	Asadi	Sab	7	
97:288	Research & Bibliography	1 2	7:30 MWF	Chung	Sab	13	

98 SOCIOLOGY

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
98:058	Principles of Sociology (Sophomore standing recommended)	1 3	7:30 Daily	Noack	Sab	301	
98:060	Social Problems (98:058) (No credit for a student with credit in 90:023)	1 3	9:50 Daily	Noack	Sab	311	
98:120g	Crime and Delinquency (98:058)	1 3	8:40 Daily	Bultena	Sab	7	
98:130g	Minority Group Relations (98:058)	1 3	11:00 Daily		Sab	121	
98:170	The Development of Modern Social Theories (98:058)	1 3	7:30 Daily		Sab	307	
98:280	Seminar in Sociology - Theory	1 3	9:50 Daily		Sab	327	

98 SOCIAL WORK

Dpt:Crs	Sec	Cr	Time	Days	Instr	Bldg	Rm
98:183	Social Work Methods (98:182)	1 3	11:00 Daily	Anderson	Sab	327	
98:184	Field Experience (98:183)	1 8	8:40 - 4:30 Daily	Anderson	Sab	221	

SEPARATELY-ORGANIZED SESSIONS

Fees for all Workshops and Post Sessions in this section of the Schedule are to be paid on a credit hour basis, each session being charged separately. If a student enrolls for the regular 8-week session and also enrolls for a Post Session there is an additional charge for the Post Session based on the credit hours.

Enrollment in a Workshop or other separately-organized session held during the regular 8-week session is considered full-time enrollment and precludes enrollment in any regular 8- or 10-week session courses.

Dpt:Crs	Sec	Cr	Time	Days	Instructor	Bldg	Room
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SPECIAL PROGRAMS

CONSERVATION CAMP

Springbrook State Park, Guthrie Center, Iowa

Session 1, June 6 - 26

Session 2, June 27 - July 17

Session 3, July 18 - August 7

84:104g	Iowa Conservation Problems I	1	3	Arranged	Arranged	Clausen	Camp
84:105g	Iowa Conservation Problems II	1	3	Arranged	Arranged	Clausen	Camp

SPECIAL SESSIONS - LONG

IOWA LAKESIDE LABORATORY

Milford, Iowa

Session 1, June 14 - July 16

Session 2, July 19 - August 20

(Courses are listed in separate schedule)

INDUSTRIAL ARTS

33:159g	Building Trades - Mechanical (July 12 - August 6)	1	4	8:40-12:00	Daily	Serdiuk	A&I	130
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(Registration requires approval of Department Head)

BIOLOGY INSTITUTE

June 14 - August 6

(Courses listed are for Institute participants only)

84:159g	Teaching of Contemporary Biology	1	3	8:50-12:00	Daily	TePaske & D Johnson	Sci	2238
86:159g	Principles and Concepts of Biological Chemistry	1	5	8:00-9:30	Daily	Franklin	Sci	2229
				1:00-4:00	MWF		Sci	2249

HARVARD PROJECT PHYSICS PROGRAM

June 14 - July 23

(Courses listed are for Institute participants only)

88:159g	Materials for Project Physics	1	3	Arranged	Arranged	Unruh & Poppy	Arranged
88:291	Recent Programs in High School Physics	1	3	Arranged	Arranged	Unruh & Poppy	Arranged

SUMMER 1971

Dpt:Crs	Sec	Cr	Time	Days	Instructor	Bldg	Room
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NATIONAL SCIENCE FOUNDATION SUMMER MATHEMATICS INSTITUTE

June 14 - August 6

(Courses listed are for Institute participants only)

80:111g	Introduction to Analysis				Litwiller Duncan Wehner	Sab Sab	223 227
	2	3	8:00	Daily			
		3	11:00	Daily			
80:112g	Introduction to Geometry				Litwiller Duncan Wehner	Sab Sab	223 227
	1	3	8:00	Daily			
		2	11:00	Daily			
80:290	Problems in Junior High Mathematics				Litwiller Duncan Wehner	Sab Sab	223 227
	2	2	1:00-3:00	MW			
		3	1:00-3:00	TTh			

INSTITUTE IN FRANCE FOR TEACHERS OF FRENCH

June 17 - August 12

(Courses listed are for Institute participants only)

72:103g	Advanced French Conversation				Walther	Abroad
	1	3	Arranged	Arranged		
72:107g	Listening and Comprehension					Abroad
	1	3	Arranged	Arranged		
72:125g	French Culture and Civilization					Abroad
	1	2	Arranged	Arranged		

SUMMER INSTITUTE IN SPAIN FOR TEACHERS OF SPANISH

June 17 - August 12

(Courses listed are for Institute participants only)

78:101g	Composition III				Zucker	Abroad
	1	3	Arranged	Arranged		
78:103g	Conversation III					Abroad
	2	3	Arranged	Arranged		
78:123g	Spanish Civilization					Abroad
	1	3	Arranged	Arranged		
78:201	Hispanic Literature: A Stylistic Review					Abroad
	2	3	Arranged	Arranged		
78:203	Structure of Spanish					Abroad
	1	3	Arranged	Arranged		

SUMMER 1971

Dpt: Crs	Sec	Cr	Time	Days	Instructor	Bldg	Room
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REGENTS GERMAN STUDY PROGRAM ABROAD

June 7 - August 12

(Courses listed are for Institute participants only)

Millstatt Session, June 10 - July 1

(Students may register for a maximum of 4 hours
from courses during the Millstatt Session)

74:052	Composition II 1	2	Arranged	Arranged	Odwarka	Abroad	
74:062	Conversation II 1	2	Arranged	Arranged		Abroad	
74:101g	Composition III 1	2	Arranged	Arranged		Abroad	
74:103g	Conversation III 2	2	Arranged	Arranged		Abroad	
74:105g	Stylistics 1	2	Arranged	Arranged		Abroad	

Vienna Session, July 6 - July 30

(Students must register for the following courses
in the combinations indicated, and for a maximum
of 4 hours credit)

74:101g and	Composition III 2	2	Arranged	Arranged	Odwarka	Abroad	
74:103g	Conversation III 3	2	Arranged	Arranged		Abroad	
74:103g and	Conversation III 4	2	Arranged	Arranged		Abroad	
74:105g	Stylistics 2	2	Arranged	Arranged		Abroad	
74:201	Advanced Composition and Stylistics 1	4	Arranged	Arranged		Abroad	

Tour Through Germany, July 31 - August 12

74:123g	German Civilization 1	2	Arranged	Arranged	Odwarka	Abroad	
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SUMMER INSTITUTE IN AUSTRIA/GERMANY FOR TEACHERS OF GERMAN

June 6 - August 12

(Courses listed are for Institute participants only)

First Four-Week Session: Klagenfurt, Austria

74:101g	Composition III 3	1	Arranged	Arranged	Balke	Abroad	
74:103g	Conversation III 5	2	Arranged	Arranged		Abroad	
74:123g	German Civilization 2	1	Arranged	Arranged		Abroad	

Second Four-Week Session: University of Vienna, Vienna, Austria

74:101g	Composition III 4	2	Arranged	Arranged	Balke	Abroad	
74:103g	Conversation III 6 7	2	Arranged Arranged	Arranged Arranged (More advanced than Section 6)		Abroad	
74:105g	Stylistics 3	2	Arranged	Arranged		Abroad	
74:201	Advanced Composition and Stylistics 2	4	Arranged	Arranged		Abroad	

Last Two Weeks - Tour Through Germany - Optional

74:123g	German Civilization 3	2	Arranged	Arranged	Balke	Abroad	
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SUMMER 1971

Dpt:Crs	Sec	Cr	Time	Days	Instructor	Bldg	Room
URBAN DYNAMICS INSTITUTE June 14 - August 6 (Courses listed are for Institute participants only)							
90:259	Urban Dynamics Colloquium 1	3	1:00-4:00	TTh	Quirk	UNICUE	
90:259	Urban Research 2	2	Arranged	Arranged			
90:280	Seminar Urban Methodology 1	3	9:00-12:00	TTh		Sab 27 UNICUE	

SOCIAL SCIENCE STUDY TOUR IN EUROPE
June 6 - August 12
(Courses listed are for Tour participants only)

90:199g	Social Science Study Tour in Europe 1	6	Arranged	Arranged	Dohrman	Abroad	
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SPECIAL SESSIONS - SHORT

(Enrollment in one or more of the following sessions precludes enrollment in any 8- or 10-week course)

21:133g	Teaching for Creative Thinking (June 21 - July 9) 1	3	Arranged	Arranged	Nelson	PLS	
21:133g	Montessori Method I and II (July 12-23) 2	2	Arranged	Arranged	Birts	PLS	
or							
31:133g	Montessori Method I and II (July 12-23) 1	2	Arranged	Arranged	Birts	PLS	
27: 233	Innovative Practices in Education (July 12-23) 1	2	Arranged	Arranged	Brimm		
33:184g	Technical Course Construction (July 26 - August 6) (Registration requires approval of Department Head) 1	2	2:30-4:30 2:30-5:30	MWF TTh	Freitag	Srl	201
		+					
50:199g	British Contemporary Theatre Tour (August 9-30) 1	2	Arranged	Arranged	Wood	Abroad	
52:233	Band Workshop - Marching Band, Jazz Band, Concert Band (August 2 - 13) 1	2	Arranged	Daily	Welke Coffin Holvik	Mus	118
57:133g	Music, Art, and Media for the Intermediate Grades (July 12-30) 1	3	Arranged	Arranged	Tuley	PLS	
82:133g	Elementary School Science (June 21 - July 9) 1	3	Arranged	Arranged	Potter	PLS	
82:133g	Elementary School Science (July 12 - 30) 2	3	Arranged	Arranged	Potter	PLS	
90:133g	Elementary School Social Studies (June 21 - July 9) 1	3	Arranged	Arranged	Scovel	PLS	
96:133g	Black History and Culture (July 12 - 30) 1	3	Arranged	Arranged	Scovel	PLS	

SUMMER 1971

Dpt:Crs	Sec	Cr	Time	Days	Instructor	Bldg	Room
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POST-SESSION WORKSHOPS

August 9-20, 1971

• (Enrollment in a Post-Session Workshop requires payment of fee in addition to that paid for regular 8-week session or other workshop or institute held during the 8-week session.)

Registration for these courses and workshops should be included on your 8-week session registration form. After regular registration, it will be necessary to use a change of registration form.

20:189g	Motivational Aspects of Safety						
	1	2	Arranged	Daily	Eland	A&I	138
33:133g	World of Construction (Registration requires approval of Department Head)						
	1	2	8:40-12:00	Daily	Serdiuk	Srl	201
33:194g	Methods of Teaching Technical Subjects (Registration requires approval of Department Head)						
	1	2	2:30-4:30	MWF	Freitag	Srl	201
		+	2:30-5:30	TTh			
52:133g	Music Education Workshop						
	1	2	Arranged	Daily	Gingrich McLin Mitchell	Mus	120
80:133g	Computer Language						
	1	2	Arranged	Daily	Schwandt	PLS	